

SPIM Workflow Manager for HPC					
Job ID	Status	Creation time	Start time	End time	
234	Finished	Fri Feb 16 15:44:12 CET 2018	Fri Feb 16 15:54:01 CET 2018	Fri Feb 16 16:12:45 CET 2018	
310	Finished	Wed Jun 13 13:13:38 CEST 2018	Wed Jun 13 13:15:20 CEST 2018	Wed Jun 13 13:41:02 CEST 2018	
312	Finished	Wed Jun 13 13:46:14 CEST 2018	Wed Jun 13 13:49:43 CEST 2018	Wed Jun 13 15:02:10 CEST 2018	
321	Finished	Thu Jun 14 10:26:31 CEST 2018	Thu Jun 14 10:45:44 CEST 2018	Thu Jun 14 11:48:48 CEST 2018	
322	Finished	Thu Jun 14 13:08:48 CEST 2018	Thu Jun 14 13:13:35 CEST 2018	Thu Jun 14 14:12:15 CEST 2018	
450	Configured	Tue Jul 17 14:30:28 CEST 2018	N/A	N/A	
476	Configured	Thu Jul 26 14:56:04 CEST 2018	N/A	N/A	
479	Finished	Sat Jul 28 12:43:47 CEST 2018	Fri Aug 03 09:14:01 CEST 2018	Fri Aug 03 09:42:37 CEST 2018	
507	Failed	Wed Aug 01 13:30:57 CEST 2018	Thu Aug 02 14:54:54 CEST 2018	Thu Aug 02 14:55:00 CEST 2018	
508	Finished	Wed Aug 01 14:06:04 CEST 2018	Tue Aug 07 17:29:26 CEST 2018	Tue Aug 07 18:54:35 CEST 2018	Done
542	Finished	Wed Aug 08 09:52:51 CEST 2018	Wed Aug 08 09:52:07 CEST 2018	Wed Aug 08 10:22:07 CEST 2018	
543	Running	Wed Aug 08 10:25:23 CEST 2018	Wed Aug 08 10:26:53 CEST 2018	N/A	

(a)

Progress SnakeSnake output Other output job directories Data upload											
Task name	1	2	3	4	5	6	7	8	9	10	
Define dataset	Done										
Define hdfs dataset	Done										
Resume to hdfs	Done	Running	Running	Running	Running	Running	Running	Running	Running	Running	
Detection and registrati...	Done	Running	Running	Running	Running	Running	Running	Running	Running	Running	
Merge and	Done	Running	Running	Running	Running	Running	Running	Running	Running	Running	
Time lapse registration	Done	Running	Running	Running	Running	Running	Running	Running	Running	Running	
Average fusion	Done	Running	Running	Running	Running	Running	Running	Running	Running	Running	
Define output	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	
Define hdfs output	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	
Resume output to hdfs	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	
Done	Done										

Error

Unknown

Running

Done

Scheduled

(b)